

- Al
- (a) preparing a solution containing the metal ions in stoichiometric ratio by dissolving their soluble salts in an organic solvent or in water,
 - (b) preparing a precursor by complexing the metal ions with a complexing agent while keeping the ratio of the charges of the acid to the charges of the metal ions as unity;
 - (c) adjusting the nitrate/ammonia content in the system; and
 - (d) heating the system from room temperature to 250-300°C.

SUB B1

~~Claim 2 (Amended). A process as claimed in claim 1 wherein the desired oxide contains one cation selected from the group comprising of Al_2O_3 , ZrO_2 , TiO_2 , HfO_2 , MgO , and SiO_2 .~~
